

AMENDMENTS TO THE CLAIMS:

This listing of claims replaces all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A method ~~of transmitting data for services~~, comprising:

specifying a ~~combination of~~ first transport format ~~formats for each of the services~~ a first service and a second transport format for a second service, the first service having a first type of data rate dynamics and the second service having a second type of data rate dynamics;

signaling, ~~a transport format of services with a first type of data rate dynamics in a first channel, the first transport format for the first service;~~

signaling, ~~a transport format of services with a second type of data rate dynamics in a second channel, the second transport format for the second service, the first channel and the second channel comprising separate channels; and~~

transmitting data for the first service and data for the second service over a common physical channel based on the first transport format and the second transport format combination ~~of transport formats for the services; and; evaluating the data at a receiver based on the combination of transport formats.~~
2. (Currently Amended) The method of claim 1, wherein the data is transmitted ~~transmission takes place~~ via a radio interface of a radio communication system.

3. (Currently Amended) The method of claim 2, wherein the radio interface ~~is defined by a~~ comprises broadband frequency channels that include the first and second channels
~~channel~~[[,]]; and

wherein the plurality of physical first and second channels are separated by at least one of a spread code and a time slot ~~one or more of spread codes and time slots.~~

4. (Previously Presented) The method of claim 1, wherein the second channel comprises a monitoring channel.

5. (Currently Amended) The method of claim 1 [[4]], wherein ~~the first type of data rate dynamics are higher than the second type of~~ data rate dynamics corresponds to a fluctuation in data rate over time, the first type of data rate dynamics having a higher fluctuation in data rate over time than the second type of data rate dynamics; and[[,]]

wherein signaling the second transport format ~~in the second channel takes place~~ occurs if ~~the~~ a data rate for the second type of data rate dynamics changes.

6. (Currently Amended) The method of claim 1, further comprising:
mapping ~~the~~ data for the first and second services onto a coded common transport channel, the coded common transport channel corresponding to the common physical channel;
and

~~splitting the spreading data on~~ of the coded common transport channel over a plurality of physical channels.

7. (Currently Amended) The method of claim 1, further comprising:

signaling a partial information item, the partial information item corresponding relating to
~~the~~ a combination of ~~the~~ transport formats for services with ~~high~~ a specific type of data rate
dynamics, the specific type of data rate dynamics comprising the first type of data rate dynamics,
~~wherein~~ the partial information item is comprising a binary code having a number that is less
than a total ~~amount~~ number of permitted combinations of ~~all the~~ services.

8. (Currently Amended) The method of claim 7, wherein the data is transmitted over the
common physical channel in frames; and

wherein the partial information item is transmitted in ~~each frame~~ the frames of data
transmission over the common physical channel.

9. (Currently Amended) The method of claim 7, wherein the data is transmitted over the
common physical channel in frames; and

wherein the method further comprises ~~comprising~~ setting ~~an individual~~ a signaling
capacity ~~within the one of the plurality of physical channels~~ in at least one of the first channel
and the second channel ~~used for signaling data for a service with data rate dynamics; and~~

wherein transmitting the partial information item is signaled via ~~over~~ a plurality of frames.

10. (Currently Amended) A communication system comprising:

data transmission means for transmitting data for a ~~combination of services~~ first service and for a second service over a common physical channel, the first service having a first type of data rate dynamics and the second service having a second type of data rate dynamics; and

signaling means for:

(i) signaling, ~~a transport format of services with a first type of data rate dynamics~~ in a first channel, the first transport format for the first service; and

(ii) signaling, ~~a transport format of services with a second type of data rate dynamics~~ in a second channel, the second transport format for the second service, the first channel and the second channel comprising separate channels; and
~~evaluation means at the receiver for evaluation data based on the combination of transport formats.~~

11. (Currently Amended) The communication system of claim 10, wherein data rate dynamics corresponds to a fluctuation in data rate over time, the first type of data rate dynamics having a higher fluctuation in data rate over time than the second type of data rate dynamics ~~the first type of data rate dynamics are higher than the second type of data rate dynamics.~~

12. (Currently Amended) The communication system of claim 10, wherein the second channel comprises a monitoring channel.

13. (Currently Amended) The communication system of claim 11, wherein the signaling means signals the second transport format if ~~the~~ a data rate changes for the second type of data rate dynamics ~~changes~~.

14. (Currently Amended) The communication system of claim 10 ~~11~~, further comprising:

mapping means for mapping ~~the~~ data for the first and second services onto a coded common transport channel, the coded common transport channel corresponding to the common physical channel; and

~~splitting~~ means for ~~splitting~~ spreading ~~the data of~~ on the coded common transport channel over a plurality of physical channels.

15. (Currently Amended) The communication system of claim 10, wherein the data transmission means comprises a radio communication system.

16. (Currently Amended) The communication system of claim 10 ~~15~~, ~~further comprising: signaling means for signaling~~ wherein the signaling means signals a partial information item, the partial information item corresponding ~~relating to the combination of the~~

~~currently used~~ transport formats for services with ~~high~~ a specific type of data rate dynamics, ~~the~~ specific type of data rate dynamics comprising the first type of data rate dynamics, ~~wherein~~ the partial information item comprising is a binary code having a number ~~which~~ that is less than a total ~~amount~~ number of permitted combinations of ~~all the~~ services.

17. (Currently Amended) The communication system of claim 16, wherein the data is transmitted over the common physical channel in frames, and the partial information item is transmitted in ~~each frame~~ the frames of data transmission ~~over the common physical channel~~.

18. (Currently Amended) The communication system of claim 16, wherein the data is transmitted over the common physical channel in frames; and

wherein the communication system further comprises ~~comprising~~:

setting means for setting ~~an individual~~ a signaling capacity within in at least one of the first channel and the second channel; and

transmitting means for transmitting the partial information item ~~over~~ via a plurality of frames.

19. (Currently Amended) The method of claim 1, wherein data rate dynamics corresponds to a fluctuation in data rate over time, the first type of data rate dynamics having a higher fluctuation in data rate over time than the second type of data rate dynamics ~~the first type of data rate dynamics are higher than the second type of data rate dynamics~~.

20. (Currently Amended) The method of claim 19, further comprising:
detecting a change in ~~the~~ a data rate for the first type of data rate dynamics; and
in response to ~~detecting~~ the change, signaling a new transport format in the second
channel.

21. (Currently Amended) The method of claim 19, further comprising:
signaling a standard data rate at ~~the~~ a beginning of a connection to a receiver, the receiver
for receiving transmitted data for the first service and the second service; and
signaling a data rate of zero at ~~the~~ an end of a the connection.

22. (New) The method of claim 1, further comprising:
evaluating the data at a receiver based on the first and second transport formats.

23. (New) The communication system of claim 10, further comprising:
a receiver to receive the data from the data transmission means, the receiver comprising
evaluation means for evaluating the data based on the first and second transport formats